Admitted Exhibit No.	Description
PTX001	U.S. Patent No. 7,129,091 (Ismagilov et al.) [See also Tumolo 9, Ismagilov 115, Ness 4, Song (Baca) 48, Hindson, Chris 2, Huck 7, Lowe 7, Agresti 20, Ginsburg 14, Sia 3, Tice 137]
PTX003	U.S. Patent No. 8,304,193 (Ismagilov et al.) [See also Tumolo 8, Ismagilov 116, Song (Baca) 50]
PTX005	U.S. Patent No. 8,329,407 (Ismagilov et al.) [See also Tumolo 10, Ismagilov 117, Song (Baca) 51, Chang 10, Huck 6, Agresti 21, Sia 12, Gerdts 5; Roach 124; Tice 138;]
PTX009	U.S. Patent No. 8,889,083 (Ismagilov et al.) [See also Tumolo 12, Agresti 18, Ismagilov 113, Roach 123, Song (Baca) 47, Tice 140, Quackenbush 12]
PTX023	Bio-Rad paper entitled, "Droplet Digital [™] PCR (ddPCR [™]) Technology [Agresti 15]
PTX052	Exclusive License Agreement Between The University of Chicago and Raindance Technologies for Microfluidic Technology [Cunningham 144]
PTX102	Amendment No. 1 to Exclusive License Agreement between the University of Chicago and Raindance Technologies for Microfluidic Technology [Ginsburg 36]
PTX106	Agreement and Plan of Merger by and among Bio-Rad Laboratories, Bio-Rad Acquisition Corporation 3, Raindance Technologies and Shareholder Representative Services LLC [Link 149]
PTX128	Real-Time Instrument Patent License Agreement between Applied Biosystems Group and Bio-Rad Laboratories [Malackowski 6]
PTX129	License Agreement between Caliper Life Sciences, Inc. and RainDance Technologies, Inc. [Malackowski 7]
PTX134	Patent License Agreement between Applied Biosystems, LLC and QuantaLife, Inc. [Malackowski 12]
PTX135	Non-Exclusive License Agreement between Caliper Life Sciences, Inc. and Bio-Rad Laboratories, Inc. [Malackowski 13]
PTX137	Patent Sublicense Agreement Between Life Technologies Corporation and Bio-Rad Laboratories, Inc. [Malackowski 15]
PTX196	Real-Time Instrument Patent License Agreement between Applied Biosystems Group and Bio-Rad Laboratories [Shinoff 25]

Admitted Exhibit No.	Description
PTX213	Email from E. Ginsburg to M. Yousef et al., RE: FW: contact info [Tumolo 13]
PTX250	Roach, L., et al., "Controlling Nonspecific Protein Adsorption in a Plug-Based Microfluidic System by Controlling Interfacial Chemistry Using Fluorous-Phase Surfactants," Analytical Chemistry 77:785-796 (2005) [Ness 5]
PTX293	10X Genomics presentation entitled: Changing The Definition of Sequencing [Bharadwaj 4]
PTX311	10X Genomics GemCode Single Cell 3' User Guide [Bharadwaj 23]
PTX312	Chromium Genome Reagent Kit User Guide [Bharadwaj 24]
PTX313	10X Genomics Chromium Exome User Guide Early Access [Bharadwaj 25]
PTX328	Article entitled, "A Microfluidic System for Controlling Reaction Networks in Time," by Song, et al. [Hindson, Ben 4]
PTX333	Binder containing 10X Genomics Discovery Responses and Presentations, Tab 5 [Hindson, Chris 1]
PTX341	10X presentation entitled: Chemical Synthesis - Surfactants [Lowe 1]
PTX342	Handwritten note [Lowe 2]
PTX364	Nature Biotechnology article entitled: Haplotyping germline and cancer genomes with high-throughput linked-read sequencing, by Zheng, et al., [Price 4]
PTX412	Patent License Agreement between Applied Biosystems and QuantaLife, Inc. [Sullivan 11]
PTX413	License Agreement between Caliper Life Sciences, Inc. and RainDance Technologies, Inc. [Sullivan 12]

Admitted Exhibit No.	Description
PTX415	Exclusive License Agreement Between The University of Chicago and Raindance Technologies for Microfluidic Technology [Sullivan 14]
PTX441	10X Genomics, Chromium Single Cell 3' Reagent Kit User Guide
PTX494	Raindance Technologies, RDT 1000 Product Brief
PTX503	Bio-Rad QX200 Droplet Digital PCR System
PTX515	GemCode Cross Image
PTX517	Genome v1 Cross Image
PTX519	Genome v1 Cross_Lightened Image
PTX521	Single Cell v1 Cross Image
PTX523	Single Cell v2 Cross Image
PTX526	Science Watch 2015, IPR2015-01156, Ex. 2017
PTX533	Fidalgo, L., et al., "Surface-induced droplet fusion in microfluidic devices," Lab on a Chip 7:984-986 (2007) ("Fidalgo")
PTX535	Leng, J., et al., "Microfluidic crystallization," Lab on a Chip 9:24-34 (2009), IPR2015-01156, Ex. 2022 ("Leng")
PTX536	Breslauer, D., et al., "Microfluidics-based systems biology," Molecular BioSystems 2:97-112 (2006) ("Breslauer")
PTX671	Amendment No. 1 to Real-Time Instrument Patent License Agreement between Applera Corporation, though its Applied Biosystems Group and Bio-Rad Laboratories, Inc.
PTX672	Amendment No. 2 to Real-Time Instrument Patent License Agreement between Applera Corporation, though its Applied Biosystems Group and Bio-Rad Laboratories, Inc.

Admitted Exhibit No.	Description
PTX683	First Amendment to License Agreement between Caliper Life Sciences, Inc. and RainDance Technologies, Inc.
PTX694	RainDance Technologies Presentation entitled AGBT Updates
PTX695	RainDance Technologies Presentation entitled Helomics
PTX696	RainDance Technologies Presentation entitled Quarterly Business Review Q1 2016
PTX697	Board of Directors Report, RainDance Technologies, Inc.
PTX698	RainDance Technologies Presentation entitled Perella Weinberg Partners Business Update
PTX701	RainDance Technologies Presentation entitled BGI
PTX741	10X Genomics, GemCode Single Cell 3' User Guide, Part Number: CG00011 Rev A, Revision A
PTX747	10X Genomics, GemCode User Guide, CG00002 Rev B
PTX752	10X Genomics, GemCode Platform, Changing the definition of sequencing, Rev: 041515
PTX754	10X Genomics, Chromium Single Cell Solutions
PTX989	Huebner, A., et al., "Microdroplets: A sea of applications?," Lab on a Chip 8:1244-1254 (2008) [Ex. 2021 - '083]
PTX1197	10X Genomics Inc.'s First Supplemental Responses and Objections to Raindance Technologies, Inc. and the University of Chicago's Second Set of Interrogatories (Nos. 7-11) [See also Hindson, Ben 7, Lowe 3, Wyatt 14]
PTX1201	10X Genomics Inc.'s [Corrected] Second Supplemental Responses and Objections to Raindance Technologies, Inc. and the University of Chicago's Interrogatory No. 10 [See also Bharadwaj 29, Bharadwaj 30]
PTX1202	10X Genomics Inc.'s Second Supplemental Responses and Objections to Raindance Technologies, Inc. and the University of Chicago's Second Set of Interrogatories (No. 7)
PTX1204	10X Genomics Inc.'s Third Supplemental and Corrected First and Second Supplemental Responses and Objections to Raindance Technologies, Inc. and the University of Chicago's Interrogatory No. 11

Admitted Exhibit No.	Description
PTX1205	10X Genomics Inc.'s Responses and Objections to Raindance Technologies, Inc. and the University of Chicago's Third Set of Interrogatories (Nos. 12-19)
PTX1209	10X Genomics Inc.'s First Supplemental Responses to Interrogatories Nos. 6, 12, and 16, Second Supplemental Responses to Interrogatories Nos. 2 and 3, and Third Supplemental Response to Interrogatory No. 10
PTX1215	Physical Exhibit: Gemcode Chip Kit 48 Rxns Lot# 150528 Note: This is a physical product sample that was produced on June 29, 2017 and received by Bio-Rad. 8/2/2017 cover letter from Irell lists Bates number of sample produced.
PTX1219	Physical Exhibit: Chromium Genome Chip Kit 48 Rxns Lot# 151061 Note: This is a physical product sample that was produced on June 29, 2017 and received by Bio-Rad. 8/2/2017 cover letter from Irell lists Bates number of sample produced.
PTX1222	Physical Exhibit: Chromium Genome Chip Kit 48 Rxns Lot# 151049 Note: This is a physical product sample that was produced on June 29, 2017 and received by Bio-Rad. 8/2/2017 cover letter from Irell lists Bates number of sample produced.
PTX1226	Physical Exhibit: Chromium Single Cell 3 Chip Kit 48 Rxns Lot# 151010 Note: This is a physical product sample that was produced on June 29, 2017 and received by Bio-Rad. 8/2/2017 cover letter from Irell lists Bates number of sample produced.
PTX1229	Physical Exhibit: Chromium Single Cell A Chip Kit 16 Rxns Lot# 151477 Note: This is a physical product sample that was produced on June 29, 2017 and received by Bio-Rad. 8/2/2017 cover letter from Irell lists Bates number of sample produced.
PTX1235	Press Release, Bio-Rad, "Bio-Rad Named One of the 2015 Top 100 Bay Area Innovators by Thomson Reuters" (Jan. 5, 2016)
PTX1236	Press Release, Bio-Rad, "Bio-Rad Named One of the '2014 Best Places to Work in the Bay Area." (Apr. 28, 2014) from the San Francisco Business Times and the Silicon Valley Business Journal
PTX1237	Press Release, Bio-Rad, "Bio-Rad Named One of the 'Best Places to Work 2013' in the San Francisco Bay Area." (May 16, 2013) from the San Francisco Business Times and the Silicon Valley Business Journal

Admitted Exhibit No.	Description
PTX1249	Press Release, Frost & Sullivan, "Frost & Sullivan Recognizes Bio-Rad's Digital PCR Platform, the QX200 AutoDG Droplet Digital PCR System for New Product Innovation." (Oct 8, 2015)
PTX1250	SelectScience announces "Product News: Winner of the Scientists' Choice Award for Best New Life Sciences Product of 2013 Announced at AACR." (Apr. 8, 2014)
PTX1255	Total Revenue and US Revenue spreadsheet
PTX1297	Letter from G. Asoy to Accounts Receivable, The University of Chicago re: Exclusive License Agreement between The University of Chicago and RainDance Technologies, Inc. (acquired by Bio-Rad Laboratories, Inc.) for Microfluidic Technology, dated June 9, 2008 (as amended)
PTX1298	Letter from G. Asoy to Accounts Receivable, The University of Chicago re: Exclusive License Agreement between The University of Chicago and RainDance Technologies, Inc. (acquired by Bio-Rad Laboratories, Inc.) for Microfluidic Technology, dated June 9, 2008 (as amended)
PTX1299	Letter from G. Asoy to Accounts Receivable, The University of Chicago re: Exclusive License Agreement between The University of Chicago and RainDance Technologies, Inc. (acquired by Bio-Rad Laboratories, Inc.) for Microfluidic Technology, dated June 9, 2008 (as amended)
PTX1300	Letter from R. Stokes to Accounts Receivable, The University of Chicago re: Exclusive License Agreement between The University of Chicago and RainDance Technologies, Inc. (acquired by Bio-Rad Laboratories, Inc.) for Microfluidic Technology, dated June 9, 2008 (as amended)
PTX1301	Letter from R. Stokes to Accounts Receivable, The University of Chicago re: Exclusive License Agreement between The University of Chicago and RainDance Technologies, Inc. (acquired by Bio-Rad Laboratories, Inc.) for Microfluidic Technology, dated June 9, 2008 (as amended)
PTX1302	"Bio-Rad: Real-Time PCR Amplification Instruments," available at: http://www.bio-rad.com/webroot/web/pdf/lsr/literature/Bulletin_5341C.pdf
PTX1303	"RDT 1000," RainDance, December 8, 2009, archive, available at: https://web.archive.org/web/20091208081231/http://www.raindancetech.com:80/products/rdt-1000.asp

Admitted Exhibit No.	Description
PTX1304	"In the Public Interest: Nine Points to Consider in Licensing University Technology," available at: http://news.stanford.edu/news/2007/march7/gifs/whitepaper.pdf
PTX1315	"9°N™ DNA Ligase," New England BioLabs, https://www.neb.com/products/m0238-9n-dna-ligase#Product%20Information
PTX1316	Maxima First Strand cDNA Synthesis Kit for RT-qPCR," ThermoFisher Scientific, https://www.thermofisher.com/order/catalog/product/K1641?SID=sr ch-srp-K1641
PTX1317	"phi29 DNA Polymerase," New England BioLabs, https://www.neb.com/products/m0269-phi29-dna- polymerase#Product%20Information
PTX1318	Hindson, B., et al., "Methods and Composition for Detecting Genetic Material," U.S. Patent Appl. Pub. No. 2011/0159499 with B. Hindson Oath
PTX1319	Quake, S., et al.,"Non-invasive Fetal Genetic Screening by Digital Analysis," U.S. Patent Appl. No. 2007/0202525
PTX1320	Ryan Sullivan Expert Report Attachment D-6, 10X Genomic Sales International Units
DTX0011	U.S. Provisional Application No. 60/379,927 (filed May 9, 2002)
DTX0013	Quake, S., et al. "Microfabricated Crossflow Devices and Methods," U.S. Patent Application Publication 2002/0058332 A1 (filed on September 14, 2001; published May 16, 2002)
DTX0016	Schubert, K.V. and Kaler, E.W., "Microemulsifying fluorinated oils with mixtures of fluorinated and hydrogenated surfactants," Colloids and Surfaces A: Physiochemical and Engineering Aspects, 84: 97-106 (1994)
DTX0018	Corbett, J., et al., "Device and Method for the Automated Cycling of Solutions Between Two or More Temperatures," U.S. Patent No. 5,270,183 (filed on February 8, 1991; issued on December 14, 1993)

Admitted Exhibit No.	Description
DTX0020	Erbacher, C., et al., "Towards Integrated Continuous-Flow Chemical Reactors," Mikrochim. Acta, 131: 19-24 (1999)
DTX0023	Chromium Genome instrument (physical item)
DTX0029	10x Technologies, Diagram, GEM "E" CHIP
DTX0076	"Reactions in Droplets in Microfluidic Channels," 2006 article in Angewandte Chemie by Song, Chen, Ismagilov
DTX0093	Holtze, C., et al., "Biocompatible surfactants for water-in-fluorocarbon emulsions," Lab Chip, 8: 1632-1639 (2008)
DTX0129	Srisa-Art, M., et. al., "High-Throughput DNA Droplet Assays Using Picoliter Reactor Volumes," Anal. Chem. 79:6682-6689 (2007)
DTX0178	License Agrement between Harvard College and 10x Technologies, 9/26/2013
DTX0183	Fore, J., Jr., et al., "The effects of business practices, licensing, and intellectual property on development and dissemination of the polymerase chain reaction: case study," Journal of Biomedical Discovery and Collaboration, 1:7; doi:10.1186/1747-5333-1-7 (2006)
DTX0189	Article entitled, "Biocompatible surfactants for water-in-fluorocarbon emulsions" by Holtze, et al.
DTX0198	Exclusive Agreement between the Board of Trustees of the Leland Stanford Junior University and 10x Genomics, Inc., dated August 28, 2015
DTX0247	10x Material Specifications RM, Chip GEM U1, Single Cell
DTX0249	Patent License Agreement between Matrix and 10x Technologies, 11/12/2014
DTX0286	Roach, L., et al., "Controlling Nonspecific Protein Adsorption in a Plug-Based Microfluidic System by Controlling Interfacial Chemistry Using Fluorous-Phase Surfactants," Anal. Chem. 77:785-796 (2005)

Admitted Exhibit	Description
No.	Description (1997)
DTX0293	Thorsen, T., "Microfluidic Technologies for High-Throughput Screening Applications," Doctoral Thesis, California Institute of Technology (2002) (http://thesis.library.caltech.edu/4701/)
DTX0358	Patent Sublicense Agreement between Life Technologies Corporation and Bio-Rad Laboratories, 12/31/13
DTX0359	Gierahn, T., et al., "Seq-Well: portable, low-cost RNA sequencing of single cells at high throughput," Nature Methods, doi:10.1038/nmeth.4179, 14:395-398 and supplementary information (2017)
DTX0398	Bio-Rad Presentation, DBCP3000 - Project Monocle, Feasibility Business Design Review
DTX0419	Univ of Chicago Royalty Payments 2009-Q12017.xlsx
DTX0457	Real-Time Instrument Patent License Agreement between Applera Corporation/Applied Biosystems and Bio-Rad Laboratories
DTX0458	Patent License Agreement between Applied Biosystems, LLC and QuantaLife, Inc. (dated December 30, 2010)
DTX0459	Non-Exclusive License Agreement between Caliper Life Sciences, Inc. and Bio-Rad Laboratories
DTX0460	Coexclusive Patent License Agreement between Lawrence Livermore National Security, LLC and QuantaLife
DTX0461	License Agreement between Institut Curie/CNRS/UPMC and Bio- Rad Laboratories
DTX0462	License Agreement between Japan Science and Technology Agency and QuantaLife
DTX0463	Limited Exclusive Patent License Agreement between Lawrence Livermore National Security, LLC and Bio-Rad Laboratories
DTX0502	Thorsen, T., et al., "Dynamic Pattern Formation in a Vesicle-Generating Microfluidic Device," Physical Review Letters, 86(18): 4163-4166 (2001)

Admitted Exhibit	Description
No.	
DTX0507	License Agreement between Brandeis University and RainDance Technologies
DTX0510	License Agreement between President and Fellows of Harvard College and RainDance Technologies, Inc. dated February 23, 2006
DTX0511	Coexclusive Patent License Agreement between Lawrence Livermore National Security, LLC and RainDance Technologies
DTX0512	Exclusive License Agreement between Medical Research Council and RainDance Technologies, Inc. dated December 5, 2005
DTX0518	License Agreement between RainDance Technologies, Inc. and Caliper Life Sciences, Inc., dated Sept. 3, 2009
DTX0519	First Amendment to License Agreement between RainDance Technologies, Inc. and Caliper Life Sciences, Inc., dated March 21, 2014
DTX0520	Option and Conditional License between Institut Curie and RainDance
DTX0603	Cory Gerdts Lab Notebook 2
DTX0612	Email from George Whiteslides to Rustem Ismagilov RE: charging beads
DTX0615	Email from Ismagilov to Quake Re: contact
DTX0621	Laboratory Notebook of Rustem F. Ismagilov (dated August 19, 2001 - September 5, 2001)
DTX0636	Quake, S., et al., "Microfabricated Crossflow Devices and Methods," International Publication No. WO 02/23163 A1
DTX0640	US 2002/0029814A1 to Unger et al.

Admitted Exhibit No.	Description
DTX0647	Email from Rustem Ismagilov to Spencer Roach re New Quake application published
DTX0656	Email from Eric Ginsburg to Rustem Ismagilov Re: CDA and Ismagilov patent application - Univ. of Chicago
DTX0659	Amendment No. 1 to License Agreement between RainDance and The University of Chicago
DTX0660	Exclusive License Agreement between The University of Chicago and RainDance Technologies for Microfluidic Technology
DTX0665	Amendment to the License between Emerald BioSystems and Emerald BioStructures and The University of Chicago for Microfluidics Technology, last signed June 3, 2010
DTX0683	Email from Matthew Martin to Eric Ginsburg re draft of raindance field
DTX0689	Email from Eric Ginsburg to Rustem Ismagilov re Questions re RainDance, P. Schultz, etc.
DTX0752	"Top 10 Innovations 2015," The Scientist, available at https://www.the-scientist.com/?articles.view/articleNo/44629/title/Top-10-Innovations-2015/. Praises GemCode
DTX0767	Business Wire Website, "10x Genomics Announces Commercial Availability of Chromium De Novo Assembly Solution and Supernova Assembler for Low-Cost Diploid De Novo Genome Assembly," 10/12/2016, http://www.businesswire.com/news/home/20161012005670/en/10x-Genomics-Announces-Commercial-Availability-Chromium-De
DTX0769	Genomeweb Website, "Bio-Rad, Illumina Launch Codeveloped Single-Cell Sequencing System," 1/11/2017, https://www.genomeweb.com/pcr/bio-rad-illumina-launch-codeveloped-single-cell-sequencing-system
DTX0779	10x Website, Exome, https://www.10xgenomics.com/exome/ (accessed 3/27/17)

Admitted Exhibit No.	Description
DTX0780	10x Website, Single Cell, https://www.10xgenomics.com/single-cell/(accessed 3/27/2017)
DTX0782	10x Website, VDJ, https://www.10xgenomics.com/vdj/ (accessed 3/27/2017)
DTX0791	10x Website, Chromium Genome Solution, https://www.10xgenomics.com/genome/ (accessed 8/17/2017)
DTX0909	BioInformatics, "The 2017 Market for Single Cell Analysis Products: Convergence of Microfluidics and Omics Platforms," 8/2017
DTX0982	Eppendorf 96-well plate (physical item)
DTX0983	Rainin 20-200 uL LTS pipette (physical item)
DTX0989	Rainin filter tips 200uL (RT-L200FLR) (physical item)
DTX1034	10x Gasket (physical item)
DTX1035	Bio-Rad C1000 Touch Thermal Cycler (physical item)
DTX1036	10X Chip Holder (physical item)
DTX1037	GEM-U chip (with Kynar) (physical item)
DTX1050	"Sales Training - Single Cell Competition and Apps" PPT

Admitted	
Exhibit No.	Description
DTX1052	"Customer Support Q1 2017" PPT
DTX1441	Applera v. MJ Research Ruling on Applera's Motion for Immediate Reconsideration re: Applera's Motion for Leave to Take Discovery
DTX1442	Applera v. MJ Research Consent Judgment and Permanent Injunction (D. Conn.)
DTX1445	Applera v. Bio-Rad Consent Judgment and Permanent Injunction (D. Conn.)
DTX1446	Connecticut Settlement Agreement
DTX1447	Real-Time Settlement Agreement
DTX1449	Applera v. MJ Research Civil Docket (D. Conn.)
DTX1450	Amended and Restated Thermal Cycler Supplier Agreement
DTX1481	Grant Thornton Valuation Report for Bio-Rad, "Fair Value Analysis of Certain Identified Intangible Assets and Liabilities of RainDance Technologies, Inc. acquired by Bio-Rad Laboratories, Inc. as of February 16, 2017," 1/8/2018
DTX1482	Total Revenue and US Revenue spreadsheet
DTX1483	Bio-Rad Royalty Calculation for University of Chicago License Agreement, 9/18/2017
DTX1484	Bio-Rad Royalty Calculation for University of Chicago License Agreement, 11/16/2017
DTX1485	Bio-Rad Royalty Calculation for University of Chicago License Agreement, 3/13/2018
DTX1486	Bio-Rad Royalty Calculation for University of Chicago License Agreement, 5/22/2018
DTX1487	Bio-Rad Royalty Calculation for University of Chicago License Agreement, 7/31/2018

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Admitted Exhibit No.	Description
	Bio-Rad Laboratories, Inc. ddSEQ pro-forma P&L
DTX1488	